

## DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS  
INFECTIONS AND OTHER DISORDERS**

the specification of which (check one)

is attached hereto.  
 was filed by an authorized person on my behalf on  
April 27, 2000 as Application Serial No. 09/562,979.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and I have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Conversion date</u>
09/301,274 (converted to a Provisional Appln.)	April 27, 1999	April 27, 2000

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No. Filing Date Status  
N/A

PCT Application Serial No. Filing Date Status  
N/A

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, Heller Ehrman White & McAuliffe LLP, 4250 Executive Square, 7th Floor, La Jolla, CA 92037:

<u>Attorney</u>	<u>Reg. No.</u>
Stephanie Seidman	33,779
Paula K. Schoeneck	39,362
Patricia Pi	43,245

and other members of the firm

**Address for correspondence:**

Stephanie Seidman  
Heller Ehrman White & McAuliffe LLP  
4250 Executive Square, 7th Floor  
La Jolla, CA 92037

Full name of joint inventor:

Terry M. Fredeking

Terry M. Fredeking

July 27 2000

Date:

Residence:

North Bedford, Texas

Post Office Address:

2304 Stonegate Drive NORTH

Citizenship:

North Bedford, Texas 76021

United States

Full name of joint inventor:

George M. Ignatyev

Inventor's signature:

George Ignatyev

Date:

July 27, 2000

Residence:

Novosibirsk region, Koltsovo, Russia

Post Office Address:

Novosibirsk region, Koltsovo, h.10.app.105,

Citizenship:

633159 Russia

Russia

A S S I G N M E N T

I, TERRY M. FREDEKING, a citizen of the United States of America, residing at 2304 Stonegate Drive North, Bedford, Texas 76021, United States of America, for good and valuable consideration, have assigned and do hereby assign to ANTIBODY SYSTEMS, INC., a corporation organized under the laws of Texas, with a principal business address of 1901 Norwood Drive, Hurst, Texas 76054, United States of America, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/562,979 filed on April 27, 2000 entitled:

COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS INFECTIONS AND OTHER DISORDERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Fredeking, T.  
ASSIGNMENT

Date: July 27 2001

Terry M. Fredeking  
Terry M. Fredeking

STATE OF TEXAS )  
COUNTY OF TARRANT ) SS.

On July 27, 2000, before me, the undersigned, a notary public for the State of TEXAS, personally appeared TERRY M. FREDEKING, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Terrye Forsythe  
Notary Public



A S S I G N M E N T

I, GEORGE M. IGNATYEV, a citizen of Russia, residing at Novosibirsk region, Koltsovo, h.10.app.105, 633159 Russia, for good and valuable consideration, have assigned and do hereby assign to ANTIBODY SYSTEMS, INC., a corporation organized under the laws of Texas, with a principal business address of 1901 Norwood Drive, Hurst, Texas 76054, United States of America, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/562,979 filed on April 27, 2000 entitled:

COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC  
VIRUS INFECTIONS AND OTHER DISORDERS

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Fredeking, T.  
ASSIGNMENT

Date: July 27, 2000

George Ignatyer  
George M. Ignatyer

WITNESSED:

DATE: 7/27/2000

Bryan Hager  
[SIGNATURE OF WITNESS]

BRYAN HAGER  
[PRINTED NAME OF WITNESS]



Terrye Forsythe  
[SIGNATURE OF WITNESS]

TERRYE FORSYTHE  
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 7/27/2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fredeking, et al.

Serial No.: 09/562,979

Filed: April 27, 2000

For: COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS  
INFECTIONS AND OTHER DISORDERS

RECEIVED

AUG 02 2000

HEWM-S.D.

VERIFIED STATEMENT (DECLARATION) CLAIMING  
SMALL ENTITY STATUS (37 C.F.R. §§1.9(f)  
and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern  
identified below:

NAME OF CONCERN ANTIBODY SYSTEMS, INC.  
ADDRESS OF CONCERN 1901 Norwood Drive  
Hurst, TX 76054

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 C.F.R. §121.3-18 and reproduced in 37 C.F.R. §1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled "COMPOSITIONS AND METHODS FOR TREATING HEMORRHAGIC VIRUS INFECTIONS AND OTHER DISORDERS" by inventors Terry M. Fredeking and George M. Ignatyev

the specification filed herewith  
 application Serial No. 09/562,979, filed April 27, 2000  
 Patent No. \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. § 1.9(d) or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a nonprofit organization under 37 C.F.R. § 1.9(e).

NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 C.F.R. § 1.27).

Full Name  
Address

ANTIBODY SYSTEMS, INC

1901 NORWOOD DR, HURST, TX 76054

Individual  Small Business Concern  Nonprofit Organization

Full Name  
Address

Individual  Small Business Concern  Nonprofit Organization

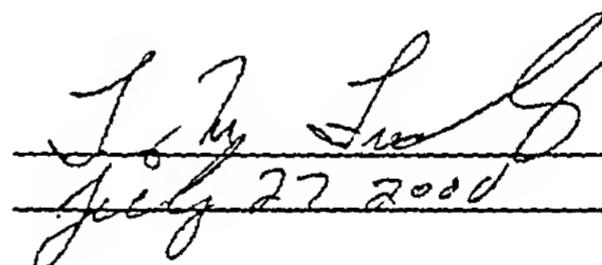
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 C.F.R. § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING  
TITLE OF PERSON OTHER THAN OWNER  
ADDRESS OF PERSON SIGNING

Terry M. Fredeking  
President  
1901 Norwood Drive  
Hurst, Texas 76054

SIGNATURE  
DATE

  
July 27 2000